**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Dave Christensen on 3/19/09.

The application has been amended as follows:

As to claim 10, please delete "." and add the underlined claim language as follows,

Claim 10. A system for maintaining hydrogen purity in an electrical generator, the system comprising: a hydrogen generator; a hydrogen cooled electrical generator, said electrical generator fluidly coupled to receive hydrogen gas from said hydrogen generator by a gas conduit; a vent line having a first and second end, said first end being directly fluidly coupled to said electrical generator and said second end being fluidly coupled to the atmosphere; a valve coupled to said vent line between said hydrogen cooled generator and said vent line second end; a hydrogen purity monitor operably coupled to said electrical generator and said valve, said hydrogen purity monitor including means for transmitting a signal to said valve; and, a pressure transducer fluidly coupled to said conduit, said pressure transducer transmitting a signal to said hydrogen generator in response to the gas pressure in said electrical generator falling below a first threshold wherein said hydrogen generator produces hydrogen gas in response to said pressure transducer signal[.], <u>wherein said valve operates to release</u>

hydrogen gas directly from said electrical generator to the atmosphere in response to a signal from said hydrogen purity monitor.

Please cancel claim 11.

As to claim 12, please delete "11" and replace it with "10" as follows,

Claim 12. The system of claim [11] 10, wherein said hydrogen generator is configured to generate hydrogen gas at a second threshold pressure, said hydrogen generator producing hydrogen gas in response to a reduction in pressure in said electrical generator.

As to claim 28, please delete "." and add the underlined claim language as follows,

Claim 28. A system for maintaining hydrogen purity in an electrical generator, the system comprising: a hydrogen generator, said hydrogen generator having means for disassociating water into hydrogen and oxygen gas; a hydrogen cooled electrical generator coupled to a turbine, said hydrogen generator being fluidly coupled to directly transfer hydrogen gas to said hydrogen cooled electrical generator by a gas conduit; a vent line having a first and second end, said first end being directly fluidly coupled to said hydrogen cooled electrical generator and said second end being fluidly coupled to the atmosphere; a valve coupled to said vent line between said hydrogen cooled electrical generator and said vent line second end, said valve being configured to release hydrogen gas from said electrical generator through said vent line at a

predetermined hydrogen gas pressure level; a hydrogen purity monitor operably coupled to said electrical generator and said hydrogen generator; and, a pressure transducer fluidly coupled to said conduit, said pressure transducer transmitting a signal to said hydrogen generator in response to the gas pressure in said electrical generator falling below a first threshold wherein said hydrogen generator produces hydrogen gas in response to said pressure transducer signal[.], wherein said valve operates to release hydrogen gas directly from said electrical generator to the atmosphere in response to a signal from said hydrogen purity monitor.

***Allowable Subject Matter***

2. Claims 10, 12-13, 15-18, and 28-31 are allowed.

The following is an examiner's statement of reasons for allowance: the prior art of record (Harada) fails to teach or fairly suggest a hydrogen cooled electrical generator fluidly coupled to receive hydrogen gas from a hydrogen generator, a vent line, and a hydrogen purity monitor, in combination with the remaining features and elements of the claimed invention.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LORE RAMILLANO whose telephone number is (571)272-7420. The examiner can normally be reached on Mon. to Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jill Warden can be reached on (571) 272-1267. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jill Warden/
Supervisory Patent Examiner, Art Unit 1797

Lore Ramillano
Examiner
Art Unit 1797

3/27/09